



Hand Made Analog Effects

Silicon Fuzz User's Manual

DESCRIPTION.

Medium-gain Silicon Fuzz.

USE .

As with other distortion effects, it is advisable to use the amplifier on clean mode or slightly saturated. An excessive saturation on the amplifier associated to a fuzz effect usually produces a too dirty and confused sound. Think that, although the Silicon Fuzz can be considered a medium-gain fuzz, 48 db is not an insignificant figure. Unlike germanium fuzzes, the performance of the Silicon Fuzz are stable and independent from thermal conditions.

The Silicon Fuzz shows a low input impedance to the pick-up and a high output impedance to the amplifier. This is essential to achieve the characteristic sound of a classic fuzz but at the same time implies the recommendation to place the Silicon Fuzz as the first effect in the chain just at the guitar's output or, in any case, avoid non-true bypass effects between the guitar and the fuzz effect.

An important advantage of this model is the possibility of easily controlling the amount of effect using the guitar's volume. As we go down the volume of the pick-up the sound acquires more cleanlines up to get to the point of sounding almost completely clean if necessary.

SPECIFICATIONS.

Output impedance: 50 KOhm.

Input impedance: 100 KOhm.

Gain: 48db.

Current consumption: 2 mA.

External dimensions (mm): 117 x 73 x 47.

Net weight (without battery): 210 gr.

WARRANTY.

All ThunderTomate products are covered by a warranty period of two years including parts and labour.

USING EXTERNAL POWER SUPPLIES.

Please, check in advance the compatibility between your pedal's input polarity and the polarity of whatever external power supply that you are going to use. Using the wrong polarity is the cause of innumerable breakdowns.

All ThunderTomate pedals use the BOSS PSA style polarity: central pin NEGATIVE (-).

Central pin is 2.1 mm.

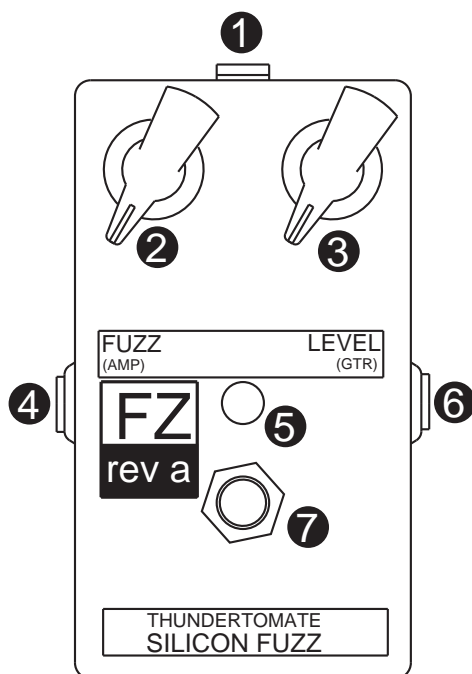
We recommend the use of good-quality regulated power supplies with isolated outputs.

Your pedal's warranty does not cover any damage derived from using inappropriate external power supplies.

CLEANING.

Use a soft, dry cloth or one that has been slightly dampened with water.

Never use benzene, thinners, alcohol or solvents of any kind to avoid the possibility of discoloration.



1 DC POWER SUPPLY INPUT
9 volts DC
BOSS PSA style
Central pin NEGATIVE.

2 'FUZZ' KNOB
Controls the amount of effect.

3 'LEVEL' KNOB
Controls the output level of the effect.

4 OUTPUT JACK

5 LED INDICATOR
Lights when the effect is ON.
If it goes dim, or no longer lights while the effect is ON, the battery should be replaced as soon as possible.

6 INPUT JACK
Don't forget to remove the input's jack when the pedal is not in use to avoid premature battery discharging.

7 TRUE BYPASS SWITCH

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